

WHAT IS CLAIMED IS:

1. An activating/processing apparatus for liquid fuel, comprising
5 an enclosing/binding sleeve made of highly elastic and
heat-resistant gum material, the enclosing/binding sleeve having
a substantially annular cross-section having a split, the
enclosing/binding sleeve defining a central interior holding
space for a fuel pipeline to pass therethrough, a wall of the
enclosing/binding sleeve being formed with several axial
10 receiving passages, whereby a far-infrared generating unit can
be placed in each receiving passage.
2. The activating/processing apparatus for liquid fuel as claimed
15 in claim 1, wherein the far-infrared generating units are
cylindrical bodies which can be inserted in the receiving
passages.
3. The activating/processing apparatus for liquid fuel as claimed
20 in claim 1 or 2, wherein a sealing cap is detachably disposed at
at least one end of the enclosing/binding sleeve for sealing the
receiving passages.
4. The activating/processing apparatus for liquid fuel as claimed
25 in claim 3, wherein at least one face of the sealing cap is formed
with at least one cylindrical plug corresponding to the position
and configuration of the receiving passage.

5. The activating/processing apparatus for liquid fuel as claimed in claim 1 or 2, wherein at least one of the inner and outer circumferential faces of the enclosing/binding sleeve is formed with several channels along the adjoining sides of at least two adjacent receiving passages.

10. The activating/processing apparatus for liquid fuel as claimed in claim 3, wherein at least one of the inner and outer circumferential faces of the enclosing/binding sleeve is formed with several channels along the adjoining sides of at least two adjacent receiving passages.

15. The activating/processing apparatus for liquid fuel as claimed in claim 4, wherein at least one of the inner and outer circumferential faces of the enclosing/binding sleeve is formed with several channels along the adjoining sides of at least two adjacent receiving passages.